
Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=3; day=18; hr=14; min=57; sec=53; ms=198;]

Validated By CRFValidator v 1.0.3

Application No: 10559949 Version No: 1.0

Input Set:

Output Set:

Started: 2008-03-06 11:17:15.355

Finished: 2008-03-06 11:17:17.242

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 887 ms

Total Warnings: 47

Total Errors: 0

No. of SeqIDs Defined: 47

Actual SeqID Count: 47

Error code		Error Description
W	402	Undefined organism found in <213> in SEQ ID (1)
W	402	Undefined organism found in <213> in SEQ ID (2)
W	213	Artificial or Unknown found in <213> in SEQ ID (3)
W	213	Artificial or Unknown found in <213> in SEQ ID (4)
W	213	Artificial or Unknown found in <213> in SEQ ID (5)
W	213	Artificial or Unknown found in <213> in SEQ ID (6)
W	213	Artificial or Unknown found in <213> in SEQ ID (7)
W	213	Artificial or Unknown found in <213> in SEQ ID (8)
W	213	Artificial or Unknown found in <213> in SEQ ID (9)
W	213	Artificial or Unknown found in <213> in SEQ ID (10)
W	213	Artificial or Unknown found in <213> in SEQ ID (11)
W	402	Undefined organism found in <213> in SEQ ID (12)
W	213	Artificial or Unknown found in <213> in SEQ ID (13)
W	402	Undefined organism found in <213> in SEQ ID (14)
W	213	Artificial or Unknown found in <213> in SEQ ID (15)
W	213	Artificial or Unknown found in <213> in SEQ ID (16)
W	402	Undefined organism found in <213> in SEQ ID (17)
W	213	Artificial or Unknown found in <213> in SEQ ID (18)
W	213	Artificial or Unknown found in <213> in SEQ ID (19)
W	213	Artificial or Unknown found in <213> in SEQ ID (20)

Input Set:

Output Set:

Started: 2008-03-06 11:17:15.355 Finished: 2008-03-06 11:17:17.242

47

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 887 ms

Total Warnings: Total Errors: 0 No. of SeqIDs Defined: 47 Actual SeqID Count:

Error code **Error Description** 402 W Undefined organism found in <213> in SEQ ID (21) 213 W Artificial or Unknown found in <213> in SEQ ID (22) W 402 Undefined organism found in <213> in SEQ ID (23) 213 W Artificial or Unknown found in <213> in SEQ ID (24) 213 Artificial or Unknown found in <213> in SEQ ID (25) W 402 W Undefined organism found in <213> in SEQ ID (26) W 213 Artificial or Unknown found in <213> in SEQ ID (27) 213 Artificial or Unknown found in <213> in SEQ ID (28) W This error has occured more than 20 times, will not be displayed 402 W Undefined organism found in <213> in SEQ ID (31) 402 W Undefined organism found in <213> in SEQ ID (34)

SEQUENCE LISTING

<110>	Sillekens, P.T.G. Overdijk, Marlieke van de Laar, Saskia						
<120>	NUCLEIC ACID SEQUENCES THAT CAN BE USED AS PRIMERS AND PROBES IN THE AMPLIFICATION AND DETECTION OF SARS CORONAVIRUS	И					
<130>	9310-151						
<140> <141>	10559949 2008-03-06						
<150> <151>	PCT/EP2004/002553 2004-03-08						
<150> <151>	EP 03101676.9 2003-06-10						
<160>	47						
<170>	PatentIn version 3.3						
<210>	1						
<211>	134						
<212>	DNA						
<213>							
<400>	1						
		60					
ttgacad	ctga aaataacaca gaattcacca gagttaatgc aaaacctcca ccaggtgacc 1	20					
agtttaa	aaca tott 1	34					
<210>	2						
<211>	89						
<212> <213>	DNA SARS Coronavirus						
/213/	SARS COTOMAVITUS						
<400>	2						
<400> atgaatt		60					
atgaatt	tacc aagtcaatgg ttaccctaat atgtttatca cccgcgaaga agctattcgt	60 89					
atgaatt	tacc aagtcaatgg ttaccctaat atgtttatca cccgcgaaga agctattcgt						
atgaatt	tacc aagtcaatgg ttaccctaat atgtttatca cccgcgaaga agctattcgt						
atgaatt cacgtto <210>	tacc aagtcaatgg ttaccctaat atgtttatca cccgcgaaga agctattcgt cgtg cgtggattgg ctttgatgt 3						
<pre>atgaatt cacgttc <210> <211> <212></pre>	tacc aagtcaatgg ttaccctaat atgtttatca cccgcgaaga agctattcgt cgtg cgtggattgg ctttgatgt 3 28						
atgaatt cacgttc <210> <211>	tacc aagtcaatgg ttaccctaat atgtttatca cccgcgaaga agctattcgt cgtg cgtggattgg ctttgatgt 3 28 DNA						
<pre>atgaatt cacgttc <210> <211> <212></pre>	tacc aagtcaatgg ttaccctaat atgtttatca cccgcgaaga agctattcgt cgtg cgtggattgg ctttgatgt 3 28 DNA						

<400> 3

<210>	4	
<211>		
<212>		
<213>	Artificial	
<220>		
<223>	Amplification primer	
<400>		
tagtag	ctgt accgactggt tatgtt	
<210>	5	
<211>		
<211>		
	Artificial	
<220>		
<223>	Amplification primer	
<400>	5	
taccto	tcca gctaggattt tct	
-010		
<210> <211>		
<211>		
	Artificial	
<220>		
<223>	Amplification primer	
<400>	6	
atgaat	tacc aagtcaatgg ttac	
Z2105	7	
<210> <211>	7 20	
<211>		
<213>		
<220>		
<223>	Amplification primer	
<400>	7	
gaagct	attc gtcacgttcg	
-010:		
<210>	8	
<211> <212>	21 DNA	
<u> </u>	DIA	

28

tccaccaggt gaccagttta aacatctt

<213> Artificial

<220>

```
<223> Amplification primer
<400> 8
tgcgtggatt ggctttgatg t
                                                                    21
<210> 9
<211> 53
<212> DNA
<213> Artificial
<220>
<223> Amplification primer
<400> 9
aattctaata cgactcacta tagggaagat gtttaaactg gtcacctggt gga
                                                                    53
<210> 10
<211> 51
<212> DNA
<213> Artificial
<220>
<223> Amplification primer
<400> 10
                                                                    51
aattctaata cgactcacta tagggaacat aaccagtcgg tacagctact a
<210> 11
<211> 48
<212> DNA
<213> Artificial
<220>
<223> Amplification primer
<400> 11
                                                                    48
aattctaata cgactcacta tagggagaaa atcctagctg gagaggta
<210> 12
<211> 56
<212> DNA
<213> SARS Coronavirus
<400> 12
                                                                    56
gttcgtgcgt ggattggctt tgatgtagag ggctgtcatg caactagaga tgctgt
<210> 13
<211> 38
<212> DNA
<213> Artificial
```

```
<220>
<221> misc_feature
<222> (1)..(1)
<223> 5' 6-FAM label
<220>
<221> misc_feature
<222> (38)..(38)
<223> 3' DabSyl label
<400> 13
ccatgggctg tcatgcaact agagatgctg tcccatgg
                                                                     38
<210> 14
<211> 53
<212> DNA
<213> SARS Coronavirus
<400> 14
                                                                     53
tragccccag atggtacttc tattacctag gaactggccc agaagcttca ctt
<210> 15
<211> 21
<212> DNA
<213> Artificial
<220>
<223> Amplification primer
<400> 15
tcagccccag atggtacttc t
                                                                     21
<210> 16
<211> 26
<212> DNA
<213> Artificial
<220>
<223> Amplification primer
<400> 16
                                                                     26
taggaactgg cccagaagct tcactt
<210> 17
<211> 123
<212> DNA
<213> SARS Coronavirus
<400> 17
aggtttaccc aataatactg cgtcttggtt cacagctctc actcagcatg gcaaggagga
```

<223> Oligonucleotide probe

acttaga	attc ccto	cgaggcc	agggcgttcc	aatcaacacc	aatagtggtc	cagatgacca	120
aat							123
<210>	18						
<211>	23						
<212>	DNA						
<213>	Artific	al					
<220>							
<223>	Amplific	cation p	primer				
. 100	1.0						
<400>	18 iccc aata	atactg	cgt				23
33			J				
<210>	19						
<211>	23						
<212>	DNA						
<213>	Artifici	al					
<220>							
<223>	Amplific	cation p	primer				
<400>	19						
	ctc gage	accaddd	cat				23
9		, 9 9 9	- 9 -				
<210>	20						
<211>	22						
<212>	DNA						
<213>	Artifici	al					
<220>							
<223>	Amplific	cation p	orimer				
<400>	20						
atagtgg	stcc agat	gaccaa	at				22
<210>	21						
<211>	630						
<212>	DNA						
<213>	SARS Co	ronaviru	us				
<400>	21						
		gagctac	ccgacgagtt	cgtggtggtg	acggcaaaat	gaaagagctc	60
			FF			An an an and	100
agcccca	ıgat ggta	icttcta	ttacctagga	actggcccag	aagcttcact	tccctacggc	120
gctaaca	laag aag	gcatcgt	atgggttgca	actgagggag	ccttgaatac	acccaaagac	180
cacatto	ggca ccco	gcaatcc	taataacaat	gctgccaccq	tgctacaact	tcctcaagga	240
acaacat	tgc caaa	aaggctt	ctacgcagag	ggaagcagag	gcggcagtca	agcctcttct	300

agataa	tcat cacgtagtcg cggtaattca a	agaaattcaa	ctcctggcag	cagtagggga	360		
aattct	cctg ctcgaatggc tagcggaggt o	ggtgaaactg	ccctcgcgct	attgctgcta	420		
gacaga:	ttga accagcttga gagcaaagtt t	tctggtaaag	gccaacaaca	acaaggccaa	480		
actgtc	acta agaaatctgc tgctgaggca t	tctaaaaagc	ctcgccaaaa	acgtactgcc	540		
acaaaacagt acaacgtcac tcaagcattt gggagacgtg gtccagaaca aacccaagga 600							
aatttcgggg accaagacct aatcagacaa 630							
<210>	22						
<211>	39						
<212>	DNA Artificial						
\213/	Altilicial						
<220>							
<223>	Oligonucleotide probe						
<220>							
<221>	misc_feature						
<222>	(1)(1)						
<223>	5' 6-FAM label						
<220>							
<221> <222>	_						
<223>							
\223/	5 Dabbyi Tabei						
<400>	22						
ccatgg	geta etacegaaga getaceegae ç	gacccatgg			39		
<210>	23						
<211>							
<212>							
<213>	SARS Coronavirus						
<400>	23						
	aagt geetetgeat tetttggaat o	at cacacatt	aacat aaaaa	tcacacctt	59		
egocoo.	aage geeeegeae eeeeeggaae g	geodogodee	ggeaeggaag		0,5		
<210>	24						
<211>	24						
<212>	DNA						
<213>	Artificial						
<220>	-1						
<223>	Amplification primer						
<100>	2.4						
<400> 24							

24

tgctccaagt gcctctgcat tctt

```
<210> 25
<211> 21
<212> DNA
<213> Artificial
<220>
<223> Amplification primer
<400> 25
                                                                     21
ttggcatgga agtcacacct t
<210> 26
<211> 128
<212> DNA
<213> SARS Coronavirus
<400> 26
ccaaactgtc actaagaaat ctgctgctga ggcatctaaa aagcctcgcc aaaaacgtac
                                                                    60
tgccacaaaa cagtacaacg tcactcaagc atttgggaga cgtggtccag aacaaaccca
                                                                   120
                                                                    128
aggaaatt
<210> 27
<211> 25
<212> DNA
<213> Artificial
<220>
<223> Amplification primer
<400> 27
ccaaactgtc actaagaaat ctgct
                                                                     25
<210> 28
<211> 23
<212> DNA
<213> Artificial
<220>
<223> Amplification primer
<400> 28
                                                                     23
ctcaagcatt tgggagacgt ggt
<210> 29
<211> 21
<212> DNA
<213> Artificial
<220>
<223> Amplification primer
```

```
<400> 29
                                                                     21
cagaacaaac ccaaggaaat t
<210> 30
<211> 32
<212> DNA
<213> Artificial
<220>
<223> Oligonucleotide probe
<220>
<221> misc_feature
<222> (1)..(1)
<223> 5' 6-FAM label
<220>
<221> misc_feature
<222> (32)..(32)
<223> 3' DabSyl label
<400> 30
ccatggacca agacctaatc agacaaccat gg
                                                                     32
<210> 31
<211> 72
<212> DNA
<213> SARS Coronavirus
<400> 31
tgcctatatg gaagagccct aatgtgtaaa attaatttta gtagtgctat ccccatgtga
                                                                    60
                                                                     72
ttttaatagc tt
<210> 32
<211> 19
<212> DNA
<213> Artificial
<220>
<223> Amplification primer
<400> 32
                                                                     19
tgcctatatg gaagagccc
<210> 33
<211> 23
<212> DNA
<213> Artificial
```

```
<223> Amplification primer
<400> 33
tccccatgtg attttaatag ctt
                                                                    23
<210> 34
<211> 102
<212> DNA
<213> SARS Coronavirus
<400> 34
tacgatacat agtctactct tgtgcagaat gaattctcgt aactaaacag cacaagtagg
                                                                   60
tttagttaac tttaatctca catagcaatc tttaatcaat gt
                                                                    102
<210> 35
<211> 23
<212> DNA
<213> Artificial
<220>
<223> Amplification primer
<400> 35
                                                                    23
tacgatacat agtctactct tgt
<210> 36
<211> 22
<212> DNA
<213> Artificial
<220>
<223> Amplification primer
<400> 36
taactaaaca gcacaagtag gt
                                                                    22
<210> 37
<211> 20
<212> DNA
<213> Artificial
<220>
<223> Amplification primer
<400> 37
tagcaatctt taatcaatgt
                                                                     20
<210> 38
<211> 22
<212> DNA
```

<213> Artificial

<220>		
<223>	Amplification primer	
<400>	38	
		2.2
gccacca	acat tttcatcgag gc	22
<210>	39	
<211>	46	
<212>	DNA	
<213>	Artificial	
<220>		
<220>	Amplification primar	
<223>	Amplification primer	
<400>	39	
aattcta	aata cgactcacta tagggagaag taccatctgg ggctga	46
<210>	40	
	51	
<212>		
<213>	Artificial	
<220>		
<223>	Amplification primer	
<400>	40	
aattcta	aata cgactcacta tagggaagtg aagcttctgg gccagttcct a	51
<210>	41	
<211>	49	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Amplification primer	
<400>	41	
aattcta	aata cgactcacta tagggaagaa tgcagaggca cttggagca	49
<210>	42	
<211>	46	
<212>	DNA	
<213>	Artificial	
<220>		
	Amplification primer	
.229/		
<400>	42	
aattcta	aata cgactcacta tagggaaggt gtgacttcca tgccaa	46

```
<211> 44
<212> DNA
<213> Artificial
<220>
<223> Amplification primer
<400> 43
aattctaata cgactcacta taggggggct cttccatata ggca
                                                                     44
<210> 44
<211> 48
<212> DNA
<213> Artificial
<220>
<223> Amplification primer
<400> 44
aattctaata cgactcacta tagggaagct attaaaatca catgggga
                                                                     48
<210> 45
<211> 32
<212> DNA
<213> Artificial
<220>
<223> Oligonucleotide probe
<220>
<221> misc_feature
<222> (1)..(1)
<223> 5' 6-FAM label
<220>
<221> misc_feature
<222> (32)..(32)
<223> 3' DabSyl label
<400> 45
                                                                     32
cgcgatgttc gtgcgtggat tggcttatcg cg
<210> 46
<211> 25
<212> DNA
<213> Artificial
<220>
<223> Oligonucleotide probe
<220>
```

<221> misc_feature

```
<222> (1)..(1)
<223> 5' biotin label
<400> 46
gctgtcatgc aactagagat gctgt
                                                                    25
<210> 47
<211> 32
<212> DNA
<213> Artificial
<220>
<223> Oligonucleotide probe
<220>
<221> misc_feature
<222> (1)..(1)
<223> 5' 6-FAM label
<220>
<221> misc_feature
<222> (32)..(32)
<223> 3' DabSyl label
<400> 47
ccatgcgcca ccacattttc atcgaggcat gg
```

32